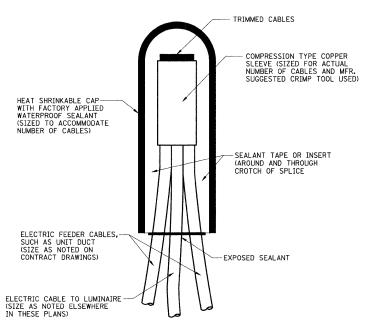


NOTES:

- 1. HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
- 2. DESIGN SHALL CONFORM WITH 1985 AASHTO STANDARD SPECIFICATIONS
 FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC
 SIGNALS FOR 80 MPH WIND LOADINGS WITH A 1.3 GUST LOAD FACTOR.
- POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
- 4. A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECK SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

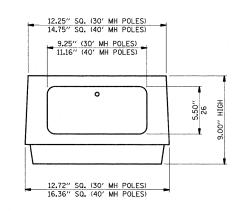
LIGHTING UNIT

(NOT TO SCALE)



NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS



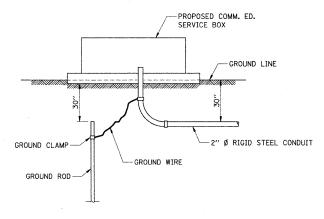
GE M-250A2

-2" N.P.S. SLIPFITTER

250W HPS LUMINAIRE MEDIUM SEMI-CUTOFF TYPE III

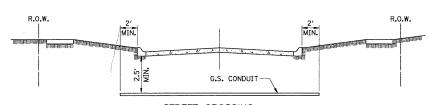
TRANSFORMER BASE (BREAKAWAY DEVICE)

(MEET 1985 AASHTO REQUIREMENTS)



PROPOSED SERVICE INSTALLATION

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.

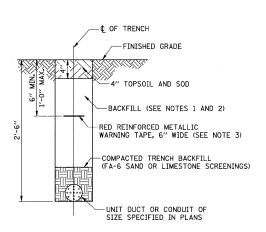


- STREET CROSSING
- ① CONDUIT SHALL BE HEAVY WALL RIGID G.S. CONDUIT.
 ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- 3 CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF CURB.

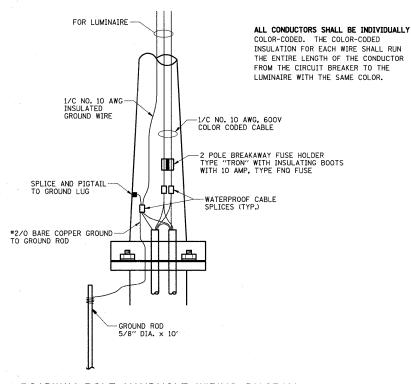
ELECTRICAL CONDUIT UNDER PAVEMENT

NOTES:

- 1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
- 2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
- 3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
- 4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



TYPICAL TRENCH CROSS SECTION



ROADWAY POLE HANDHOLE WIRING DIAGRAM

| FILE NAME = | USER NAME = jat | DESIGNED - SJC | REVISED - | | WRIGHT BOULEVARD | F.A.U. | SECTION | COUNTY | TOTAL | SHEET |
|---|----------------------------|------------------------------------|-----------|------------------------------|-------------------------|--------|--|--------|-------|-------|
| J:\2215\cad\sheets\2215_Light_Det_1.dgn | | DRAWN - CDC | REVISED - | STATE OF ILLINOIS | LIGHTING DETAILS | 1351 | 06-00090-00-PV | соок | 137 | 101 |
| | PLOT SCALE = 1.0000 '/ IN. | CHECKED ~ DNM | REVISED ~ | DEPARTMENT OF TRANSPORTATION | LIGHTING DETAILS | | CONTRACT NO. 633 | | 53378 | |
| | PLOT DATE = 10/15/2009 | /15/2809 DATE - 10-16-09 REVISED - | | | SHEET NO. 1 OF 3 SHEETS | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809) | | | |